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ABSTRACT

The annotated bibliography provides abstracts of 30 research and conference reports and program proposals, and of eight journal articles, all published since 1966, of guidance, counseling, placement, and followup in vocational education. The citations listed were selected from the printout of a computer-assisted search of Research in Education (RIE), Abstracts of Instructional and Research Materials in Vocational and Technical Education (AIM/ARM), and Current Index to Journals in Education (CIJE), and are available in microfiche or paper copy from the ERIC Document Reproduction Service (EDRS). In addition, 12 projects for FY 1974, selected from Applied Research Projects Supported in FY 1974 under Part C of the Vocational Education Amendments of 1968, are cited, and the project number, duration, title, investigator, and institution are given. (JR)

ED106522

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Bibliography Series No. 23

GUIDANCE, COUNSELING, PLACEMENT, AND FOLLOW-THROUGH SYSTEMS: INFORMATION SOURCES

Compiled by

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The Center for Vocational Education
The Ohio State University
1960 Kenny Road, Columbus, Ohio 43210

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CE 003 691

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PREFACE

The project staff of Abstracts of Instructional and Research Materials in Vocational and Technical Education (AIM/ARM) at The Center for Vocational Education has prepared and made available five bibliographies to assist others in applying for support of research projects in vocational education for Fiscal Year 1975. Each bibliography provides access to sources of information about one of five priority areas announced by the U.S. Office of Education pursuant to authority contained in Section 131(a) of Part C of the Vocational Education Act of 1963, as amended. It is hoped that these bibliographies will be genuinely helpful. Titles in this group are:

State Administration of Vocational Education: Information Sources
Local Administration of Vocational Education: Information Sources
Guidance, Counseling, Placement, and Follow-Through Systems: Information Sources
Educational Personnel for the Disadvantaged, Handicapped, and Minorities: Information Sources
Curriculum, Demonstration, and Installation Studies: Information Sources

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INTRODUCTION

Comprehensive systems of guidance, counseling, placement, and follow-through services have been designated as a priority for research projects to be sponsored by the U.S. Office of Education during Fiscal Year 1975. When undertaking a research project it is important to take into consideration previous work and current activity in the same area so as to avoid duplication and build upon prior knowledge. Reports on completed work has been announced in Research in Education (RIE) or Abstracts of Instructional and Research Materials in Vocational and Technical Education (AIM/ARM) or described in journal articles announced in Current Index to Journals in Education (CIJE).

The report literature and journal articles cited in this publication were found in a computer-assisted search of RIE, AIM/ARM, and CIJE. These citations were selected from among a larger number uncovered in the initial search. The selected items were deemed relevant to the topical area and representative of previous work. As with most bibliographies, the inclusions are a product of the search strategies, the time available, and the judgement of the compilers. Therefore, users of the bibliography should seek information from other sources as well. The items are available in microfiche or paper copy from the ERIC Document Reproduction Service (EDRS) or the original source as indicated in the citation.

The projects in progress cited were selected from among those listed in Applied Research Projects Supported in FY 1974 under Part C of the Vocational Education Amendments of 1968 (Washington, D.C.: U.S. Department of Health, Education, and Welfare, June, 1974). Additional information about these projects may be found in the above cited publication or from the project director listed.

Report Literature

ED011039 VT001281
SYSTEMS UNDER DEVELOPMENT FOR VOCATIONAL GUIDANCE, A REPORT OF A RESEARCH EXCHANGE CONFERENCE (OHIO STATE UNIVERSITY, AUGUST 18-19, 1966).
CAMPBELL, ROBERT E. ; AND OTHERS
Ohio State Univ., Columbus. Center for Vocational and Technical Education.
Pub Date 19AUG66 Note-70P.
EDRS PRICE MF-$0.65 HC-$3.29
Descriptors-Career Planning/ *Computer Oriented Programs/ Counseling Programs/ Counseling Services/ Counselors/ *Experimental Programs/ Information Processing/ Information Retrieval/ Information Utilization / Occupational Guidance/ *Occupational Information/ Research/ *Systems Approach/ Systems Development/ Vocational Education
Identifiers-COLUMBUS
PURPOSES OF THE CONFERENCE WERE TO (1) REVIEW EXPERIENCES, PROBLEMS, AND INSIGHTS DEVELOPED BY THE INDIVIDUAL PARTICIPANTS THROUGH RESEARCH AND OPERATIONAL USE OF NEW TECHNOLOGIES, (2) REVIEW THE RELATION OF THESE TECHNOLOGIES TO VOCATIONAL EDUCATION, VOCATIONAL COUNSELING, AND GUIDANCE, AND (3) ARRANGE FOR CONTINUED COMMUNICATION AMONG PARTICIPANTS AS THEY USE SYSTEMS ANALYSIS AND TECHNOLOGY IN VOCATIONAL GUIDANCE RESEARCH AND PRACTICE. THREE AREAS WERE DISCUSSED--(1) PROJECTS DEVOTED TO THE STUDY OF CAREERS, (2) PROJECTS FOR THE DEVELOPMENT AND PRESENTATION OF MATERIAL FOR THE ENHANCEMENT OF CAREER DECISIONS BUT NOT INVOLVING THE COMPUTER, AND (3) PROJECTS DEVOTED TO THE DEVELOPMENT OF MATERIAL AND THE PRESENTATION AND ASSESSMENT OF PRESENTATION WITH THE ASSISTANCE OF TIME-SHARED COMPUTERS. SUMMARIES ARE GIVEN FOR (1) PROJECT TALENT, (2) EXPLORATORY STUDY OF INFORMATION PROCESSING PROCEDURES AND COMPUTER-BASED TECHNOLOGY IN VOCATIONAL COUNSELING, (3) A HARVARD-NEEDS-NEWTON INFORMATION SYSTEM FOR VOCATIONAL DECISIONS, (4) A STUDY OF INTELLECTUAL GROWTH AND VOCATIONAL DEVELOPMENT, (5) THE DEVELOPMENT AND EVALUATION OF A PILOT COMPUTER-ASSISTED VOCATIONAL GUIDANCE PROGRAM, (6) CLEAR LANGUAGE PRINTOUT OF DEMOGRAPHIC AND PSYCHOMETRIC DATA REGARDING COLLEGE STUDENTS, (7) A MULTIMEDIA APPROACH FOR COMMUNICATING OCCUPATIONAL INFORMATION TO NONCOLLEGE YOUTH, (8) VOCATIONAL ORIENTATION SYSTEMS, AND FIVE OTHER PROJECTS. (EM)

ED012936 CG000428
NEW MODELS AND TECHNIQUES IN CAREER GUIDANCE.
BOYNTON, RALPH E.
Pittsburgh Univ., Pa.
Pub Date 11MAR66 Note-12P.
EDRS PRICE MF-$0.65 HC-$3.29
Descriptors-*Career Planning/ Computer Oriented Programs/ Discussion Groups/ *High School Students/ Information Processing/ Models/ Student Seminars/ *Systems Approach/ *Vocational Counseling/ Work Experience Programs

A MODEL FOR A CAREER GUIDANCE SYSTEM THAT APPEARS TO EFFECT POSITIVE CHANGE FOR STUDENTS, SCHOOLS, AND THE COMMUNITY IS PRESENTED. THERE ARE FOUR PHASES TO THE MODEL, ONE FOR EACH YEAR THE STUDENT IS IN HIGH SCHOOL. THE STUDENT'S SKILLS, APTITUDES, INTERESTS, INTELLIGENCE, AND ACHIEVEMENTS ARE DETERMINED AT INITIAL FACT GATHERING SESSIONS. THIS INFORMATION IS STORED IN A COMPUTER. THE STUDENT MAY OBTAIN INFORMATION FROM THE COMPUTER ABOUT GRADES, COURSES TAKEN, AND COLLEGE ACCEPTANCE. THE COUNSELOR RECEIVES A COPY OF ALL SUCH SESSIONS. STUDENTS ARE ASSIGNED BY THE COMPUTER TO DISCUSSION GROUPS WHICH FOCUS ON THE SELECTION OF OCCUPATIONAL OBJECTIVES. CAREER SEMINARS PROVIDE STUDENTS WITH OPPORTUNITIES TO TALK WITH REPRESENTATIVES OF CAREERS IN WHICH THEY HAVE AN INTEREST. WHERE FEASIBLE, SENIOR YEAR STUDENTS ARE GIVEN WORK EXPERIENCE OPPORTUNITIES. THIS TYPE OF APPROACH APPEARS MEANINGFUL FOR STUDENTS WHO ARE NOT COLLEGE ORIENTED. THE USE OF A SYSTEMS APPROACH, PEER GROUPS FOR COUNSELING, AND COMMUNITY RESOURCES SEEMS TO OPERATE EFFECTIVELY IN PREPARING STUDENTS TO TAKE THEIR PLACE IN THE ECONOMIC LIFE OF A COMMUNITY. (SK)

ED016852 VT004348

A PROPOSED MODEL FOR AN INFORMATION STORAGE AND RETRIEVAL SYSTEM FOR REPORTING JOB PLACEMENT FOLLOW-THROUGH DATA OF PERSONS TRAINED IN INDUSTRIAL EDUCATION PROGRAMS IN CALIFORNIA PUBLIC SCHOOLS. TENTATIVE DRAFT.

HARRIS, WAYNE M.
California State Dept. of Education, Sacramento.

Pub Date JUN67 Note-44P.
EDRS PRICE MF-$0.65 HC-$3.29
Descriptors-*Data Collection/ Electronic Data Processing/ Industrial Education/ *Information Systems/ Job Placement/ *Models/ Records (Forms)/ *Systems Approach/ *Vocational Followup
Identifiers-CALIFORNIA/ PROJECT JOB DATA

THE PURPOSES OF THIS STUDY WERE TO DEVELOP A MODEL FOR COMPARING VOCATIONAL JOB PLACEMENT WITH ENROLLMENT AND TO MAKE RECOMMENDATIONS FOR ITS APPLICATION ON A STATEWIDE BASIS. THE MODEL WAS ESTABLISHED THROUGH SEARCHING LITERATURE, CONSULTING WITH EDUCATORS AND ELECTRONIC DATA PROGRAMERS, AND OBSERVING EXISTING PROGRAMS. IT WAS ESSENTIALLY A DATA COLLECTION PROCEDURE AND A DATA PROCESSING PROGRAM FOR SUBSEQUENT HANDLING AND STORAGE OF THE DATA. IT USES FEEDBACK AND ERROR CONTROL FEATURES. THE PRESCORED CARD WAS SELECTED FOR THE QUESTIONNAIRE INSTRUMENT. RESPONSE POSITIONS, PUNCHED OUT BY HAND, ARE READ DIRECTLY BY VARIOUS ELECTRONIC DATA PROCESSING TECHNIQUES. THE REGISTRATION FORMS, VERIFICATION OF ENROLLMENT AND ADDRESSES, AND THE IN-CLASS FOLLOWUP FORMS ARE COMPLETED BY ALL INDUSTRIAL EDUCATION STUDENTS WHILE STILL IN SCHOOL. THE FOLLOWUP FORMS ARE LATER MAILED TO THE STUDENTS. STANDARDIZED FORMS WERE DEVELOPED FOR (1) STANDARDIZED REGISTRATION FOR JUNIOR COLLEGES, (2) VERIFICATION OF ENROLLMENT, (3) VERIFICATION OF ADDRESSES, (4) IN-CLASS FOLLOW-THROUGH, AND (5) OUT-OF-CLASS FOLLOW-THROUGH. THE SYSTEM, AS PLANNED, MAY STAND ALONE, OPERATE IN CONJUNCTION WITH OTHER ELECTRONIC DATA PROCESSING PROJECTS, OR BECOME A PART OF LARGER INFORMATION STORAGE AND RETRIEVAL SYSTEMS. IT IS VERSATILE AND WILL ACCEPT NEW TYPES OF DATA AND DATA GATHERING TECHNIQUES FOR OTHER EVALUATIONS AND ASSESSMENTS OF INDUSTRIAL EDUCATION. THE APPENDIX INCLUDES (1) SAMPLE REPORT FORMS, (2) MAILING PROCEDURES, (3) DEFINITIONS, AND (4) A BIBLIOGRAPHY. A FLOW CHART OF THE MODEL IS INCLUDED. (EM)

ED017710 VT004528
EXPLORATORY STUDY OF INFORMATION--PROCESSING PROCEDURES AND COMPUTER-BASED TECHNOLOGY IN VOCATIONAL COUNSELING. FINAL REPORT.
COGSWELL, J.F. ; AND OTHERS
System Development Corp., Santa Monica, Calif.
Report No.-TM-3718
Contract-OEC-6-85-076
Pub Date 26OCT67 Note-253P.
EDRS PRICE MF-$0.65 HC-$9.87
Descriptors-*Computer Programs/ Counselor Training/ *Experimental Programs/ Information Processing/ *Information Systems/ Junior High Schools/ Program Design/ Program Development/ Q Sort/ Senior High Schools/ Surveys/ Systems Analysis/ Systems Development/ *Vocational Counseling
Identifiers-*COUNSELING FUNCTIONS
AS A PRELIMINARY TO DESIGNING A MAN-MACHINE COUNSELING SYSTEM, THE GUIDANCE PRACTICES IN 13 SCHOOLS DISTRIBUTED THROUGH SEVEN STATES WERE SURVEYED TO STUDY THE VARIATIONS IN COUNSELING PRACTICES. ANALYSIS OF AN ACTUAL AND IDEAL SORT OF A Q-SORT DECK OF 48 CARDS, EACH CONTAINING A DESCRIPTION OF A DISCRETE COUNSELING ACTIVITY, INDICATED NO MARKED DIFFERENCES AMONG COUNSELORS FROM DIFFERENT SCHOOLS. HOWEVER, AS A GROUP THEY WOULD PREFER TO REDUCE GREATLY THE AMOUNT OF TIME SPENT IN ROUTINE PROCESSING TASKS. AFTER THE SURVEY, AN EXPERIMENTAL FIELD SITE, A LARGE SCHOOL COMPLEX IN THE LOS ANGELES SCHOOL DISTRICT, WAS SELECTED AS THE FOCUS OF THE SYSTEM DEVELOPMENT AND EXPERIMENTATION. A DETAILED SYSTEM ANALYSIS OF ALL THE SCHOOL'S COUNSELING PROCEDURES WAS MADE, AND WORKSHOPS ON INFORMATION PROCESSING TECHNOLOGY FOR THE COUNSELOR WERE CONDUCTED. TWO DESIGN TEAMS, ONE OF RESEARCHERS AND HIGH SCHOOL COUNSELORS AND ONE OF RESEARCHERS AND JUNIOR HIGH SCHOOL COUNSELORS, WERE FORMED TO SPECIFY MODEL I OF THE MAN-MACHINE SYSTEM. MODEL I WILL BE PROGRAMED TO SERVE AS (1) AN INFORMATION RETRIEVAL SYSTEM FOR STUDENT INFORMATION, (2) A TEACHING AND MONITORING SYSTEM WHICH WILL AUTOMATICALLY ALERT THE COUNSELOR WHEN CRITICAL SITUATIONS OCCUR, (3) AN AUTOMATED REPORT GENERATOR, (4) A PREDICTOR, (5) AN AUTOMATIC REMINDER, (6) A COLLECTOR OF FOLLOWUP DATA, AND (7) A DISSEMINATOR OF PROGRAMED INTERVIEWS. PHASE TWO OF THE PROJECT WILL INCLUDE DEVELOPING THE SOFTWARE SYSTEM, INSTALLING EQUIPMENT IN THE SCHOOLS, TRAINING COUNSELORS, DEVELOPING SYSTEMS PROCEDURES, COLLECTING POST-SYSTEM-CHANGE EVALUATION DATA, AND REPORTING. AN EXTENSIVE APPENDIX CONTAINS DATA COLLECTION INSTRUMENTS AND SPECIFIC PROJECT INFORMATION AND CALENDARS. (HC)

ED018675 08 VT005474
RESEARCH VISIBILITY. VOCATIONAL EDUCATION IS SERVICE--VOCATIONAL GUIDANCE.
LAW, GORDON F.
American Vocational Association, Washington, D.C.
Report No.-BR-7-0633
Pub Date MAR68 Note-16P.
EDRS PRICE MF-$0.65 HC-$3.29
Descriptors-*Bibliographies/ Conferences/ *Counselor Training/ *Educational Research/ High Schools/ *Occupational Guidance/ Research Reviews (Publications)/ Systems Approach/ Vocational Development/ *Vocational Education

NINETEEN REVIEWS IN THIS ISSUE PERTAIN TO VOCATIONAL GUIDANCE AND ARE ORGANIZED BY TOPICS--(1) "SYSTEMS TECHNOLOGY IN GUIDANCE" REVIEWS AN EXPLORATORY STUDY OF INFORMATION PROCESSING PROCEDURES AND COMPUTER APPLICATIONS IN GUIDANCE, AND A CONFERENCE ON SYSTEMS DEVELOPMENT FOR VOCATIONAL GUIDANCE, (2) "CAREER DEVELOPMENT THEORY AND PRACTICE" TREATS GUIDANCE CURRICULUM PLANNING AND A CAREER SIMULATION GAME, (3) "COUNSELOR TRAINING PROGRAMS AND INSTITUTES" DESCRIBES NINE COUNSELOR TRAINING PROGRAMS, (4) "REGIONAL RESOURCES" DESCRIBES THE SAN DIEGO CAREER INFORMATION CENTER, AND (5) "EXPERIMENTS AND DEVELOPMENTAL STUDIES" REVIEWS A CREATIVE THINKING TEST VALIDATION STUDY, THE DEVELOPMENT OF AN INSTRUMENT TO MEASURE ACHIEVEMENT MOTIVES IN VOCATIONAL EDUCATION, GUIDELINES FOR RESEARCH AND PRACTICE IN GUIDANCE, AN INSTRUMENT TO APPRAISE SOCIAL READINESS FOR EMPLOYMENT, AND A STUDY OF JUNIOR COLLEGE STUDENTS IN OCCUPATIONAL EDUCATION. "PLAIN TALK," A CONTINUING COLUMN, DISCUSSES SOME GAPS AND WEAKNESSES OF THE GUIDANCE PHASE OF VOCATIONAL EDUCATION AND WARNS THAT RELIANCE ON MAN-MACHINE SYSTEMS MAY CAUSE COUNSELORS TO LOSE THEIR ABILITY TO RELATE TO STUDENTS, RECOMMENDS MORE EMPHASIS ON THE THEORETICAL RATIONALE OF COUNSELING, AND POINTS OUT THAT THE JOB PLACEMENT PHASE HAD BEEN NEGLECTED. THE BIBLIOGRAPHY LISTS 16 RELATED STUDIES WHICH ARE IN PROCESS. THIS ARTICLE IS PUBLISHED IN THE "AMERICAN VOCATIONAL JOURNAL," VOLUME 43, NUMBER 3, MARCH 1968. (EM)

ED020718 JC680221

CHOOSING AN OCCUPATION WISELY--A PROPOSAL TO TAKE THE GUESSWORK OUT OF FUTURE VOCATIONAL GUIDANCE.

KILPATRICK, GORDON

Pub Date MAR68 Note-26P.

EDRS PRICE MF-$0.65 HC-$3.29

Descriptors-Career Choice/ Career Planning/ College Students/ *Counseling/ *Junior Colleges/ *Occupational Choice/ Occupational Guidance/ *Systems Approach/ *Vocational Counseling

ON ENTERING JUNIOR COLLEGE, THE STUDENT HAS MADE OR WILL SOON MAKE AN OCCUPATIONAL CHOICE. HE USUALLY MAKES IT WITHOUT ENOUGH UNDERSTANDING OF HIMSELF. THE COUNSELING OFFICE MAY BE UNDERSTAFFED OR PRIMARILY CONCERNED WITH PROGRAM ADVISEMENT RATHER THAN WITH THE PROPER DIRECTION OF THE PROGRAM. HIS CHOICE MAY THEREFORE BE MADE IN RESPONSE TO CURRENT INTERESTS (SUBJECT TO CHANGE) OR TO PARENTAL INFLUENCE, NEITHER OF WHICH MAY RECOGNIZE THE STUDENT'S ABILITY OR POTENTIAL. A SYSTEMS APPROACH IS PROPOSED TO ASSESS THE STUDENT'S ABILITIES AND INTERESTS BY A BATTERY OF TESTS. THE PROFILE OF HIS TEST SCORES IS COMPARED MATHEMATICALLY FOR BEST FIT WITH STATISTICAL RENDITIONS OF PROFILES OF JOB REQUIREMENTS AS DETERMINED BY THE TEST SCORES OF SUCCESSFUL PRACTITIONERS IN MANY JOBS. THE CAREERS FOR WHICH THE STUDENT IS BEST FITTED WILL BE SHOWN IN RANK ORDER. HE MAY THEN SEEK INFORMATION ABOUT THE ONES WITH WHICH HE IS UNFAMILIAR AND ABOUT THE OPPORTUNITIES IN THOSE AREAS THAT INTEREST HIM. THIS SYSTEM WOULD OBJECTIFY THE PRESENT RANDOM SELECTION PROCESS, MAKING MORE EFFICIENT USE OF THE STUDENT'S, TEACHER'S, AND COUNSELOR'S TIME, AND OF TAX DOLLARS, EDUCATIONAL FACILITIES, AND SOCIETY'S MANPOWER. (HH)

ED033236 08 VT009562

UTAH PROJECT "FOLLOW-UP." INTERIM REPORT.

Cox, John A.

Utah Research Coordinating Unit for Vocational and Technical Education, Salt Lake City.

Spons Agency-Office of Education (DHEW), Washington, D.C. Bureau of Research.
Bureau No.-BR-6-3046
Grant-OEG-4-7-063046-1612
Pub Date Jun 69 Note-33p.
EDRS Price MF-$0.65 HC Not Available from EDRS.
Descriptors-Cost Effectiveness/ Expenditures/ *Followup Studies/ High School Graduates/ Post Secondary Education/ *Program Evaluation/ Questionnaires/ *Records (Forms)/ Research Coordinating Units/ *State Surveys/ Systems Approach/ *Vocational Education
Identifiers-*Utah
Procedures and machinery were developed for a statewide, 5-year follow-up of high school and post-secondary vocational students for quality and cost effectiveness analysis purposes. The system calls for specific information about the student to be gathered while he is in school by means of a Student Exit Form. Information is accumulated on magnetic computer tape, and after the student leaves school (graduates or drops out), he is sent a mail-out questionnaire designed to gather information about what the student does after leaving school. Students receive a questionnaire once each year for 5 years after leaving school. Exit forms were utilized for the first time during the 1967-68 school year and mail-out questionnaires were sent to 1968 graduates and to dropouts in September 1968. Although problems arose in procedures, data accumulation, and reports, the basic system has been developed, is considered functional, and is recommended for continuation. (Not available in hard copy due to marginal legibility of original document.) (CH)

ED036626 08 VT010036
PROBLEMS IN THE TRANSITION FROM SCHOOL TO WORK AS PERCEIVED BY YOUTH OPPORTUNITY CENTER COUNSELORS. A NATIONAL SURVEY. FINAL REPORT. RESEARCH SERIES NO. 53.
Eggeman, Donald F.; And Others
Ohio State Univ., Columbus. Center for Vocational and Technical Education.
Spons Agency-Office of Education (DHEW), Washington, D.C. Bureau of Research.
Bureau No.-BR-7-0158
Grant-OEG-3-7-000158-2037
Pub Date Dec 69 Note-76p.
Available from-The Center for Vocational and Technical Education, The Ohio State University, 1900 Kenny Road, Columbus, Ohio 43210
EDRS Price MF-$0.65 HC-$3.29
Descriptors-Adjustment Problems/ Bibliographies/ Counseling Services / *Counselor Attitudes/ Employment/ Instructional Aids/ Instructional Materials/ Job Training/ Occupational Guidance/ Personality Problems/ Questionnaires/ *School Role/ Teacher Attitudes/ *Vocational Adjustment/ *Youth Employment/ *Youth Problems
Identifiers-*School To Work Transition
Questionnaires concerning major problems facing youth in the transition from school to work were mailed to all counselors at the 167 Youth Opportunity Centers (YOC) of the U.S. Employment Service. Data were obtained from usable returns by 763 (59 percent) counselors. The problems were categorized into nine major categories (job preparation, personality variables, vocational behavior, school programs, discriminatory factors, family background, community factors, factors inherent in job, and military obligation), and 50 sub-categories. Problems enumerated by YOC counselors and by a

purposive sample of vocational educators (Garbin, et al., 1967) have a correlation of .61 (Spearman) which increases the probability that these are real problems facing youth. Counselors recommended that schools provide better occupational information, more vocational guidance, and additional courses teaching basic prevocational skills. Other reports in this series are available as ED 016 811, ED 021 070, and ED 032 430. (CH)

ED037543 VT010175

REVIEW AND SYNTHESIS OF RESEARCH ON THE PLACEMENT AND FOLLOW-UP OF VOCATIONAL EDUCATION STUDENTS.

Little, J. Kenneth

Ohio State Univ., Columbus. Center for Vocational and Technical Education.

Spons Agency-Office of Education (DHEW), Washington, D.C. Bureau of Research.

Report No.-RS-49

Pub Date Feb 70 Note-54p.

Available from-The Center for Vocational and Technical Education, The Ohio State University, 1900 Kenny Road, Columbus, Ohio 43210 ($1.75)

EDRS Price MF-$0.65 HC-$3.29

Descriptors-Bibliographies/ Cost Effectiveness/ *Followup Studies/ *Job Placement/ Methodology/ Program Evaluation/ *Research Reviews (Publications)/ *Vocational Education/ *Vocational Followup

This review of followup studies of graduates of vocational-technical education programs includes studies published since 1965 and covers the major fields of vocational-technical education at secondary, post secondary, and adult levels. Programs for special groups of individuals are also included. Two purposes of the review are (1) to identify the job histories of graduates and (2) to provide base line data for program evaluation. The review is organized around the following topics: The Role of Followup Studies, General Surveys, Studies of Specific Programs, Summaries of Placement Information, Studies of Special Groups, Benefit-Cost Studies, Followup Studies Procedures, and Evaluation Summary. A 101-item bibliography is included. A related document is VT 010 176. (CH)

ED038686 CG005232

A COMPUTER ASSISTED VOCATIONAL COUNSELING SYSTEM.

Hallworth, H. J.; And Others

Calgary Univ. (Alberta). Faculty of Education.; Canadian Council for Research in Education, Ottawa (Ontario).

Spons Agency-Alberta Human Resources Research Council, Edmonton.

Pub Date Mar 70 Note-14p.; Paper presented at the Canadian Council for Research in Education, Ottawa, Ontario, March, 1970

EDRS Price MF-$0.65 HC-$3.29

Descriptors-*Computer Oriented Programs/ Computers/ Counseling/ *Counseling Services/ Data Processing/ *Decision Making/ Educational Objectives/ Guidance Programs/ Guidance Services/ Interests/ Occupational Choice/ *Systems Approach/ *Vocational Counseling

The development of a counseling system designed for a small computer, although limited in both scope and objectives, appears to be practicable and economical. Described herein is a program intended to perform some of the functions performed by a counselor. It is merely a tool to be used by counselor, not a replacement for him. The program described applies to vocational counseling. Keeping data current is simplified by using a computer. The main object of such a program is

to promote the decision making ability of the student by making information available to him, and by giving him the opportunity for vicarious experiences in making occupational choices. A total of three precise tasks in the design of this exploration system are indicated: (1) the development of interest categories; (2) the development of categories of educational aspirations; and (3) the classification of a given set of occupations in terms of the specified interest and educational categories. The system may then be used by students or counselors in any of three modes: (1) exploration, (2) index, or (3) guidance. This program has been implemented on a DEC TSS-8 system, for reasons described in another paper. It is being used in the Faculty of Education, The University of Calgary. (KJ)

ED043892 CG005825

A THEORY-RIDDEN, COMPUTERLESS, IMPERSONAL VOCATIONAL GUIDANCE SYSTEM.

Holland, John L.

American Psychological Association, Washington, D.C.; Johns Hopkins Univ., Baltimore, Md. Center for the Study of Social Organization of Schools.

Pub Date Sep 70 Note-16p.; Paper presented at American Psychological Association Convention, Miami Beach, Florida, September 3-8, 1970

Available from-John L. Holland, Center for Social Organization of Schools, Johns Hopkins University, Baltimore, Maryland.

EDRS Price MF-$0.65 HC Not Available from EDRS.

Descriptors-Guidance/ Guidance Objectives/ Guidance Programs/ *Guidance Services/ Individual Characteristics/ *Occupational Choice/ *Occupational Guidance/ *Systems Approach/ *Vocational Counseling/ Vocational Interests

Beginning with a brief summary of the need for practical vocational guidance systems, the author explains his Self Directed Search for Educational and Vocational Planning (SDS), which was developed to provide a cheap, practical, vocational guidance system having a high degree of scientific validty and client effectiveness. The SDS is a self-administered, self-scored and self-interpreted vocational counseling tool which contains an assessment booklet and a classification booklet, both of which are products of a theory of personality types and environmental models. The development of the SDS is summarized. An informed evaluation based on the use of the SDS with 5,000 widely divergent subjects suggests that: (1) 50% of those taking it like it; (2) others are troubled by the results and could use couseling; (3) the SDS is applicable to a wide age range; and (4) the SDS has the desirable characteristics of immediacy, self-direction, completeness, independence, personal development and safeguards. The conclusion suggests some beneficial side-effects of the SDS. (TL)

ED045850 VT012355

WORKER ADJUSTMENT PROBLEMS OF YOUTH IN TRANSITION FROM HIGH SCHOOL TO WORK.

Garbin, A. P.; And Others

Ohio State Univ., Columbus. Center for Vocational and Technical Education.

Spons Agency-Office of Education (DHEW), Washington, D.C.

Report No.-RD-43

Pub Date Dec 70 Note-215p.

EDRS Price MF-$0.65 HC-$9.87

Descriptors-*Adjustment Problems/ Career Choice/ Career Opportunities/ Occupational Mobility/ *Vocational Adjustment/ Work Attitudes/ *Young Adults/ *Youth Problems

The purpose of this study was to identify youth adjustment problems in the transition from high school to work and to recommend possible solutions. Data collected in Columbus, Omaha, and New Orleans, through interviews with 642 workers between the ages of 17 and 27, focused on the following areas: (1) transition from high school to full-time work, (2) motivations, rewards and job evaluations, (3) relationships with work environment, (4) attitudes, values, and behavioral patterns related to work, and (5) career patterns. The findings in these areas are relevant for administrators, teachers, counselors, and business leaders interested in improving the transition from school to work. (LH)

ED047127 24 VT012489

THE SYSTEMS APPROACH: AN EMERGING BEHAVIORAL MODEL FOR VOCATIONAL GUIDANCE. A SUMMARY REPORT. RESEARCH AND DEVELOPMENT SERIES NO. 45.

Campbell, Robert E.; And Others

Ohio State Univ., Columbus. Center for Vocational and Technical Education.

Spons Agency-Office of Education (DHEW), Washington, D.C. Bureau of Research.

Bureau No.-BR-7-0158

Grant-OEG-3-7-000158-2037

Pub Date Jan 71 Note-33p.

Available from-The Center for Vocational and Technical Education, The Ohio State University, 1900 Kenny Road, Columbus, Ohio 43210 (Limited number of complimentary copies)

EDRS Price MF-$0.65 HC-$3.29

Descriptors-Behavioral Objectives/ *Guidance Programs/ Guidelines/ *Models/ *Occupational Guidance/ Program Development/ Program Evaluation/ *Program Improvement/ *Senior High Schools/ Systems Approach

The primary purpose of this project was to develop a procedural model for improving vocational guidance programs in senior high schools. Using a systems approach, the model: (1) emphasizes student behavioral objectives, (2) gives alternative methods for accomplishing these objectives, (3) provides program evaluation strategies, (4) incorporates guidelines for program change adjustments, and (5) can be operationally demonstrated in pilot locations and subsequently replicated in other locations. The 10 procedural phases of the model were developed over a 2-year period in cooperation with a comprehensive high school, although the basic model is flexible enough for use at many levels such as the state guidance system or local school systems. Each phase is independent, allowing the adoption of the combination best suited to individual needs. A revised model will be published following extensive field testing. (BH)

ED055310 24 CG006715

DEVELOPMENT AND EVALUATION OF A COMPREHENSIVE CAREER GUIDANCE SYSTEM. FINAL REPORT.

Jones, G. Brian; And Others

American Institutes for Research in the Behavioral Sciences, Palo Alto, Calif.

Spons Agency-Office of Education (DHEW), Washington, D.C.

Report No.-AIR-756-6-71-FR Bureau No.-BR-7-0109

Grant-OEG-0-8-07109-3530(085)

Pub Date Jan 71 Note-268p.

EDRS Price MF-$0.65 HC-$9.87

Descriptors-*Career Planning/ *Computer Oriented Programs/ *Developmental Guidance/ Goal Orientation/ *Guidance Programs/ Occupational Choice/ *Systems Approach/ Vocational Development

A Comprehensive Career Guidance System (CCGS) for programs of individualized education where computer support facilities are available is described. The CCGS program employs a systematic approach to develop and evaluate guidance-oriented objectives and related instructional and counseling experiences for youth. This systematic approach involves 5 types of activities: (1) identification of youth development needs; (2) classification of objectives by commonalities and priorities; (3) specification and selection of all possible alternative strategies for individualized programs; (4) design, scheduling, and implementation of selected strategies; and (5) evaluation and feedback of the efficiency and effectiveness of designed programs. The authors suggest that the ultimate aim of this program is to provide a comprehensive data bank of behavioral objectives, each keyed to a variety of appropriate instructional, counseling, and evaluational materials and procedures available for student, parent, counselor, and teacher use. (Author/RK)

ED057182 VT013206

REVIEW AND SYNTHESIS OF RESEARCH ON OCCUPATIONAL ADAPTABILITY.

Sjogren, Douglas

Ohio State Univ., Columbus. Center for Vocational and Technical Education.

Spons Agency-Office of Education (DHEW), Washington, D.C.

Report No.-Inf-Ser-42

Pub Date Jul 71 Note-34p.

Available from-Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402 (Stock No. 1780-0793, $.30)

EDRS Price MF-$0.65 HC-$3.29

Descriptors-Bibliographic Citations/ Cluster Grouping/ Curriculum/ Curriculum Development/ Job Analysis/ *Literature Reviews/ *Occupational Clusters/ Occupational Mobility/ Program Development/ *Research Reviews (Publications)/ Transfer of Training/ *Vocational Adjustment/ *Vocational Education

Occupational adaptability is an important consideration in the development of programs related to occupational exploration, career development, and vocational education. Intended to be an authoritative analysis of the literature in the field, this state-of-the-art paper should assist in identifying substantive problems and methodological approaches for researchers and curriculum development specialists as well as providing practitioners with a summary of research findings that have application to educational programs. Research is categorized by: (1) Occupational Adaptability Studies, (2) Job Analysis, (3) Curriculum-Oriented Work, (4) Work Adjustment, and (5) Critique. An extensive bibliography is appended. (GB)

ED057183 VT013479

CAREER GUIDANCE: AN OVERVIEW OF ALTERNATIVE APPROACHES.

Campbell, Robert E.; Vetter, Louise

Ohio State Univ., Columbus. Center for Vocational and Technical Education.

Spons Agency-Office of Education (DHEW), Washington, D.C.

Report No.-Inf-Ser-45

Pub Date Aug 71 Note-21p.

EDRS Price MF-$0.65 HC-$3.29

Descriptors-Career Education/ *Career Planning/ Computer Oriented Programs/ Elementary Grades/ Fundamental Concepts/ *Occupational Guidance/ Post High School Guidance/ Program Development/ *Program Planning/ Secondary Grades/ Systems Approach/ *Vocational Education

Identifiers-*Career Development/ Occupational Exploration

By presenting a brief overview of alternative approaches to career guidance programs, this publication was designed to serve state-level planners interested in reviewing the key concepts relative to career development and planning. The compact nature of the review should provide a ready reference for practitioners seeking alternative delivery systems for accomplishing career development. Alternative approaches which received speical attention are: (1) occupational exploration, (2) the developmental (K-14) approach, (3) systems approaches, and (4) computer-assisted approaches. Also included is a discussion of considerations and recommendations based on extrapolations of current and future options. (JS)

ED058429# VT014472

TRAINING AND PLACEMENT OF THE YOUTHFUL INMATES OF DRAPER CORRECTIONAL CENTER. MDTA EXPERIMENTAL AND DEMONSTRATION FINDINGS NO. 6. FINAL REPORT.

Rehabilitation Research Foundation, Elmore, Ala. Draper Correctional Center.

Spons Agency-Manpower Administration (DOL), Washington, D.C.; Office of Education (DHEW), Washington, D.C.

Report No.-DLMA-82-01-67-36-1

Pub Date 71 Note-93p.; Reprint

Available from-National Technical Information Service, Springfield, Virginia 22151 (PB 199 763, MF $.95; See catalog for hardcopy price)

Document Not Available from EDRS.

Descriptors-Community Cooperation/ *Correctional Education/ *Correctional Rehabilitation/ Demonstration Projects/ Employment Opportunities/ Experimental Programs/ *Job Placement/ *Manpower Development/ Programed Instruction/ Recidivism/ State Programs/ Systems Approach/ Vocational Education/ Vocational Followup/ *Youth

Identifiers-Alabama/ *Draper Correctional Center/ Manpower Development and Training Act/ MDTA

The primary goal of the Draper Project, begun in 1964, was to demonstrate the feasibility of operating a manpower training program in a correctional setting. As secondary goals, the project sought to individualize instruction, involve communities in the rehabilitation of the offender and disseminate the findings to correctional and educational personnel throughout the country. Through this program, the project administration hoped to ultimately reduce the high recidivism in Alabama. This study, one of three such national projects, dealt with problems peculiar to a state which is making the transition from a rural to an industrial economy. It was found that education and training per se are not enough to effect the broad changes in inmates required for successful social adjustment. They can be rehabilitated when they are a part of a systematic approach to human development which includes systematic preparation for the world of work, tailored job development and placement, and development of community support. This is the first of a three-volume final report, to be followed by Volume II, a technical manual, and Volume III, "HOW TO with P.I." (Author/GEB)

ED064663 24 CG007512
PLANNING, DEVELOPING, AND FIELD TESTING CAREER GUIDANCE PROGRAMS: A MANUAL AND REPORT. FINAL REPORT.
Jones, G. Brian; And Others
American Institutes for Research in the Behavioral Sciences, Palo Alto, Calif.
Spons Agency-Office of Education (DHEW), Washington, D.C.
Bureau No.-BR-0-0058
Contract-OEC-0-70-4929(508)
Pub Date Jun 72 Note-113p.
EDRS Price MF-$0.65 HC-$6.58
Descriptors-*Career Planning/ Guidance Programs/ Individualized Programs/ Manuals/ *Occupational Guidance/ *Program Development/ Program Evaluation/ *Student Needs/ *Systems Approach
Many programs designed to improve youth career planning and development processes face several limitations. To improve such methods such rationale are necessary: (1) make explicit the assumptions underlying these programs; (2) describe the planning methods and criteria for deriving youth goals and performances objectives; (3) specify desired youth outcomes in terms of measureable criterion behaviors related to assessed needs; (4) make sure instructional and counseling procedures are feasible; (5) demand that the youth activities involved in the selected procedures are scheduled, and the staff services and material resources required to conduct these activities be collected and implemented; (6) employ summative and formative evaluation designs to study both the expected and unexpected outcomes of these programs; and (7) require continuous revision of program activities, based on evaluation feedback, until such programs were fully effective for their intended audiences. (Author)

ED065704 VT016163
THE EDUCATIONAL AND CAREER EXPLORATION SYSTEM: FIRST YEAR REPORT OF A COUNTY-WIDE FIELD TRIAL AND EVALUATION.
Lindeman, Richard H.; And Others
Pub Date Apr 72 Note-21p.; Paper presented at The Annual Meeting of the American Educational Research Association (Chicago, Ill., April 1972)
EDRS Price MF-$0.65 HC-$3.29
Descriptors-Career Choice/ *Career Education/ Computer Based Laboratories/ *Developmental Programs/ *Information Systems/ *Occupational Information/ Program Evaluation/ Reports/ Secondary School Students/ Speeches/ Systems Development/ *Vocational Counseling
Identifiers-Career Exploration/ ECES/ Educational and Career Exploration System/ Field Trial/ Genesee County/ Michigan
Developed by the Advanced Systems Development Division of International Business Machines (IBM) in consultation with two professors, the Educational and Career Exploration System (ECES) includes information on 400 occupations and 300 post-high school majors. Designed for the high school student and for use with a computer terminal, the system includes charts which summarize and compare information about the student and his explorations. To evaluate the program, data were gathered on an experimental group and a control group of 10th graders, and also from counselors and parents of the students. Analysis of the data revealed that: (1) While students tended to concentrate on occupations during their first

sitting at the ECES terminal, they used their second sitting to explore both occupational and educational opportunities, (2) Parents of users were generally pleased with the effects of the system and stated that they were more involved in the educational and vocational planning of their children than they had been previously, and (3) Counselors had positive reactions to the system and were optimistic about its effect on students. Despite these positive results, however, the anticipated gains in vocational maturity were not realized during this first year of the field test. (Author/JS)

ED068653# VT017050

VOCATIONAL GUIDANCE AND CAREER DEVELOPMENT IN THE SCHOOLS: TOWARD A SYSTEMS APPROACH.

Herr, Edwin L.; Cramer, Stanley H.

Pub Date 72 Note-356p.

Available from-Houghton Mifflin Co., 1900 S. Batavia Ave., Geneva, Illinois 60134

Document Not Available from EDRS.

Descriptors-Career Education/ Cooperative Education/ Educational Change/ Elementary Grades/ *Guidance Services/ Occupational Guidance/ Occupational Information/ *Program Development/ Program Evaluation/ School Industry Relationship/ Secondary Grades/ *Systems Approach/ *Vocational Counseling/ *Vocational Development

In addition to surveying the approaches to and elements comprising vocational guidance, this book represents an attempt to develop a position state about the potential significance of vocational guidance within the educational context. As a result of this approach, vocational development is viewed as a subsystem within the larger system of education, and the chapters of this book are designed to carry the reader through the stages of a systems approach to vocational guidance. Chapters cover such topics as: (1) Vocational Guidance: Past, Present, and Future, (2) The Ingredients of Career/Vocational Development, (3) The American Occupational Structure, (4) The Consumers of Vocational Guidance, (5) Formulating Objectives for Vocational Guidance, (6) Vocational Guidance, Vocationalization, and the Elementary, Junior High, and Senior High Schools, (7) Helping Strategies in Vocational Guidance, (8) Assessment and Evaluation in Vocational Guidance, (9) Information in Vocational Guidance, and (10) Bringing About Change in Schools. (SB)

ED068716 VT017257

CAREER EDUCATION AND THE TECHNOLOGY OF CAREER DEVELOPMENT.

Spons Agency-American Institutes for Research in the Behavioral Sciences, Palo Alto, Calif.

Pub Date 72 Note-257p.; Proceedings of the Invitational Conference on Systems under Construction in Career Education and Development (8th, Palo Alto, Calif., October 7-8, 1971)

EDRS Price MF-$0.65 HC-$9.87

Descriptors-*Career Education/ *Conference Reports/ Models/ Occupational Guidance/ Resource Materials/ Speeches/ *Systems Development/ *Technology/ *Vocational Development

This report of proceedings includes numerous speeches, grouped in four topical areas: (1) systems for career education, (2) career development and systems at the American Institutes for Research, (3)

current status of other career development systems, and (4) career education and the technology of career development. The Career Education Program's four models--school-based, employer-based, home-community based, and residential--are discussed. Career guidance and counseling, implementation problems, computer-free and computer-involved guidance systems, and related topics are covered. A wide range of resource materials is appended. (AG)

ED069923# VT017851
ORGANIZATION AND ADMINISTRATION OF GUIDANCE SERVICES.
Ryan, T. Antoinette; Zeran, Franklin R.
Pub Date 72 Note-465p.
Available from-Interstate Printers and Publishers, Inc., 19 N. Jackson St., Danville, Illinois 61832
Document Not Available from EDRS.
Descriptors-*Administrative Organization/ Counselor Role/ Decision Making/ Educational Accountability/ *Educational Innovation/ Educational Objectives/ Goal Orientation/ *Guidance Personnel/ *Guidance Services/ Occupational Guidance/ *Systems Approach/ Vocational Development/ Worksheets
Identifiers-Educational Awareness
The organization and administration of guidance services must be person-oriented and future-directed, utilizing a systems approach for developmental planning and evaluation in order to satisfy demands for accountability in education. Focusing specifically upon systems analysis, ST-benefit analysis, computer-assisted counseling and related services, careers for women, and career development and decision-making in general, the text includes student exercises, numerous educational and guidance objectives, and an index. The 12 chapters deal with: (1) an overview, (2) a systems approach to guidance management, (3) individual analysis services, (4) information services, (5) career development and decision-making education, (6) placement and work-experience, (7) followup, (8) counseling service, (9) roles and responsibilities, (10) evaluation of guidance services, (11) functions: constraints and actualizers, and (12) selection criteria, preparation, and certification of guidance personnel. (AG)

ED070854 VT018253
SELECTED FUNCTIONAL COMPONENTS OF A VOCATIONAL EDUCATION COUNSELING SYSTEM FOR URBAN YOUTH.
Schubert, Jane G.; Rosenfeld, Michael
American Institutes for Research in the Behavioral Sciences, Pittsburgh, Pa.
Spons Agency-Pittsburgh School District, Pa.
Report No.-AIR-32400-9/72-FR
Pub Date Sep 72 Note-127p.
EDRS Price MF-$0.65 HC-$6.58
Descriptors-City Wide Programs/ *Demonstration Projects/ *Job Placement/ Job Training/ Occupational Guidance/ *Program Evaluation/ Resource Materials/ Secondary Grades/ Systems Approach/ Tables (Data)/ *Urban Youth/ *Vocational Counseling/ Vocational Education
The purpose of this annual report is to evaluate a demonstration project in vocational counseling for urban youth which is composed of four major elements: (1) a career orientation program for preadolescents, (2) a cooperative work experience program for students

enrolled in vocational skill development at the secondary level, (3) a job placement program for high school graduates, and (4) a counseling and training program to serve high school students who are not enrolled in vocational programs. Encompassing activities under the Occupational Vocational and Technical Education Training Division of the Pittsburgh Public Schools, these four functional components were selected from a comprehensive occupational guidance program for the elementary and secondary grades. This program review presents a project summary with recommendations, together with detailed descriptions of the three phases of the career orientation programs and the other program components. Although the programs function efficiently, the reasons why 5.2 percent of the 1971 graduates were not placed should be studied in order to remedy the situation. Various tables present the data, and extensive resource materials are appended. (AG)

ED078145# VT020228
REQUIREMENTS AND DESIGN OF A LABOR MARKET INFORMATION SYSTEM FOR A LARGE METROPOLITAN AREA.
Thal-Larsen, Margaret; And Others
California Univ., Berkeley. Dept. of Industrial Engineering and Operations Research.
Spons Agency-Manpower Administration (DOL), Washington, D.C. Office of Research and Development.
Report No.-DLMA-71-05-70-03-1
Pub Date Nov 72 Note-338p.
Available from-National Technical Information Service, Springfield, VA 22151 (PB 213 744, MF $1.45, HC $9.00)
Document Not Available from EDRS.
Descriptors-Career Planning/ Economic Progress/ *Employment Projections/ Employment Services/ Employment Statistics/ *Information Systems/ Job Placement/ *Labor Market/ *Metropolitan Areas/ *Occupational Information/ Systems Development/ Vocational Counseling
Identifiers-California/ *San Francisco Bay Area
This study sought to determine the need for labor market information in the San Francisco-Oakland and San Jose Metropolitan areas of California. Respondents included representatives of public and private employment agencies, community antipoverty agencies, school administrators and counselors, employers, union members and high school students. Top priority needs recorded were information about current job opportunities, job prospects, and current demographic statistics for small areas. Conceptualized and described in terms of 28 components is a labor market information system designed to satisfy requirements registered by respondents. Other content inclusions are: (1) a discussion of problems encountered in the model design process, (2) input source data, (3) out-put format requirements, (3) transformations and mechanisms specified for each component, and (4) evaluation and criteria development procedures. Policy recommendations include suggested strategies for implementation of the system. (Author)

ED078175 VT020344
ACHIEVING MANPOWER GOALS THROUGH MORE EFFECTIVE EMPLOYER SERVICES PROGRAMS. FINAL REPORT.
Giblin, Edward J.; Levine, Louis

Applied Behavioral Research, Inc., Grand Rapids, Mich.; Michigan State Dept. of Labor, Detroit. Michigan Employment Security Commission.

Spons Agency-Manpower Administration (DOL), Washington, D.C. Office of Research and Development.

Report No.-DLMA-82-26-71-41

Pub Date Feb 73 Note-262p.

Available from-National Technical Information Service, Springfield, VA 22151 (no price quoted)

EDRS Price MF-$0.65 HC-$9.87

Descriptors-Employment/ *Employment Opportunities/ *Employment Services/ *Job Placement/ *Manpower Utilization/ Models/ Operations Research/ Research Projects/ *Systems Development

This is the first of a 2-volume final report of a 20-month research and development project conducted by the Michigan State Employment Service agency and a private research firm. The purpose of the project was to design and test innovative methods of increasing the volume and quality of jobs listed with the employment service. Included are: (1) a description of the problem including steps taken to solve it and the resulting demonstration model, (2) the quantitative and qualitative results of the demonstration, (3) the implications for new policy and program directions, and (4) a discussion of areas requiring further research and experimentation. The second volume of the report is available as VT 020 345 in this issue. (Author/SN)

ED078176 VT020345

GUIDELINES FOR INSTALLING AND MAINTAINING AN EFFECTIVE EMPLOYER SERVICES PROGRAM LOCALLY. FINAL REPORT.

Levine, Louis; And Others

Applied Behavioral Research, Inc., Grand Rapids, Mich.; Michigan State Dept. of Labor, Detroit. Michigan Employment Security Commission.

Spons Agency-Manpower Administration (DOL), Washington, D.C. Office of Research and Development.

Report No.-DLMA-82-26-71-41

Pub Date Feb 73 Note-141p.

Available from-National Technical Information Service, Springfield, VA 22151 (no price quoted)

EDRS Price MF-$0.65 HC-$6.58

Descriptors-Employment/ *Employment Opportunities/ *Employment Services/ Industrial Relations/ *Job Placement/ Manpower Utilization/ *Models/ Office Management/ Operations Research/ Public Relations/ Research Projects/ Staff Improvement/ *Systems Development

This is the second of a 2-volume final report of a 20-month research and development project conducted by the Michigan State Employment Service agency and a private research firm. The purpose of the project was to design and test innovative methods for increasing the volume and quality of jobs listed with the employment service. Included are: (1) a discussion of the major issues confronting local offices in their efforts to redirect their efforts to increase placements, and (2) descriptions of key components of the project's demonstration model, such as staff development activities, office operation and public relation activities, employer information, job development information, employer contact selection, and the delivery of employer services. Volume 1 of the report is available as VT 020 344 in this issue. (Author/SN)

ED082725 JC730225
A DECISION-MAKING SYSTEM FOR THE CAREER INFORMATION CENTER AT TALLAHASSEE COMMUNITY COLLEGE.
Richardville, Jerry; And Others
Pub Date 29 May 72 Note-31p.; Paper submitted in Course 553, Florida State University
EDRS Price MF-$0.65 HC-$3.29
Descriptors-Behavioral Objectives/ *Career Planning/ *Community Colleges/ *Decision Making/ Post Secondary Education/ *Self Help Programs/ Student Developed Materials/ Systems Approach/ Technical Reports/ *Vocational Counseling
Identifiers-Career Information System/ *Tallahassee Community College
A system for aiding students at Tallahassee Community College in using the Career Information System in vocational planning was developed. The system allows the students to serve themselves with minimum counselor intervention. In behavioral terms, the system should enable the student to: (1) place himself in one of the six client categories; (2) assess his attitudes, abilities, interests, preferences, physical and social characteristics; (3) locate current information relevant to his needs; (4) identify various realistic alternative plans; (5) list the alternative in a hierarchy of preference; (6) choose from the hierarchy alternative plans to pursue; (7) identify steps necessary in taking action to achieve goal; and (8) recognize the need to review plans and goals periodically to check progress. The progression of the steps through which the student goes at the CIC are outlined. Recommendations are given in relation to reorganization of materials at the CIC, resource people, testing, publicity, and costs. Appendixes provide: General Guide to TCC:CIC Induction, General Outline of Pamphlets, Decision-Making Model Script, CIC Experience Evaluation Sheet, Self-Assessment Checklist, and Future Group Guide. (DB)

ED087855 95 CE000901
SPAN: AN ACCELERATED PROJECT FOR A SYSTEMS PROGRAM APPROACHING NON-UNEMPLOYMENT OF VOCATIONAL STUDENTS. FINAL REPORT.
Huqueley, James E.
Memphis City School System, Tenn.
Spons Agency-Bureau of Adult, Vocational, and Technical Education (DHEW/OE), Washington, D.C.
Bureau No.-V061115B
Grant-OEG-0-70-5181(361)
Pub Date 31 Aug 73 Note-273p.
EDRS Price MF-$0.75 HC-$12.60
Descriptors-Career Education/ Job Placement/ Occupational Clusters/ *Occupational Guidance/ Pilot Projects/ Program Content/ *Program Descriptions/ Program Development/ *Program Evaluation/ Relevance (Education)/ Self Actualization/ Systems Approach/ Tables (Data)/ Teacher Developed Materials/ *Vocational Education
Identifiers-SPAN/ *Systems Program Approaching Nonunemployment
The objectives of the Systems Program Approaching Non-unemployment (SPAN) project, during the period covered by this report (1970-73), were to develop a comprehensive and continuing program (K-14) of occupational guidance information and techniques to ensure that the maximum number of young people entered vocational programs, to bridge the gap from school to work, to increase the relevance of educational programs to the world of work, to develop within the students more positive attitudes towards themselves, their education, their

occupational goals and the world of work. At the elementary level, teachers developed films, learning packets, games, and other career-oriented materials which will continue to be used throughout the school district. At the junior high school level, the emphasis was on exploration of the fifteen career clusters, while at the high school level, the greatest effort was expended on career focus and placement. It was felt that the project successfully realized the objectives set out, and it will be continued and expanded throughout the Memphis school system. Of the ten appendixes the principal one is a 138-page comprehensive evaluation of the project. (SA)

ED087979 CG008717
USE OF COMPUTER IN RELATION TO CRITICAL GUIDANCE FACTORS.
Cassel, Russell N.
Pub Date 73 Note-20p.
EDRS Price MF-$0.75 HC-$1.50
Descriptors-*Computer Oriented Programs/ Evaluation/ *Humanism/ *Literature Reviews/ *Occupational Guidance/ *Systems Approach/ Theories
This paper identifies the most critical factors pertinent to career guidance as: (1) use of humanistic psychology, (2) development of decision competency, (3) career planning and selection, (4) educational planning and relevance, and (5) the development of positive human relations skills as marketable skills. It describes computer-based programs (systems) developed at The University of Wisconsin-Milwaukee during the past seven years that seek to deal directly with each of such critical factors. The report explains the use of a method called "O-P-A-H-O-D-E" where emphasis is placed on the activity of students as opposed to the activity of faculty; where "information about" (theory) leads directly to "experience with"; where computerized gaming and simulation make use of surrogate role playing in relation to multiple assigned roles in some "meaty" (exaggerations of typical) social problems; and where career guidance is maintained to be at its best. The principles of humanistic psychology are introduced and utilized throughout. (Author)

ED087988 CG008736
SYSTEMATIC CAREER COUNSELING PROCESS. A PROCEDURAL OUTLINE FOR USE BY COUNSELORS IN ASSISTING STUDENTS IN CAREER PLANNING.
Webber, John R.
Schoolcraft Coll., Livonia, Mich.
Pub Date 73 Note-70p.
Available from-John R. Webber, Schoolcraft Community College, Schoolcraft, Michigan 48151
Document Not Available from EDRS.
Descriptors-*Career Planning/ *Counseling Goals/ *Counselor Role/ Guides/ Helping Relationship/ Junior College Students/ Self Concept/ Systems Approach/ *Vocational Counseling/ *Vocational Development
This document was developed as an aid to counselors who, as a result of their graduate education, should develop good understandings of vocational theories. Yet, many experience difficulty when applying these theories to their students' problems. In an attempt to fill this gap, counselors at Schoolcraft Community College (Michigan) pooled their career counseling procedures and shared some of the techniques

which they have found to be especially effective in working with students. The result is the "Systematic Career Counseling Process". It outlines areas which should be included in career counseling and suggests leads or questions which might be used. Areas of focus include vocational history and development, personal career needs, self concept, level of functioning, career information and exploration, and career planning. The systematic approach provides a process which should aid not only counselors but students in learning a "process" used in career decision making. (Author)

Journal Articles

EJ002117 EM500148
THE ROCHESTER CAREER GUIDANCE PROJECT
Youst, David B. Educ Technol; 9; 3; 39-41 69 Mar
Descriptors-*Career Planning/ *Counseling/ *Counseling Programs/ *Systems Approach/ Technology/ Vocational Counseling
Identifiers-*Rochester Career Guidance Project

EJ003477 AA501529
SYSTEMS APPROACHES IN GUIDANCE
Cooley, William W.; Hummel, Raymond C. Rev Educ Res; 39; 2; 251-262 69 Apr
Descriptors-Bibliographies/ *Computer Oriented Programs/ Guidance Facilities/ *Guidance Programs/ *Guidance Services/ Information Systems/ Occupational Choice/ *Systems Approach
Identifiers-Autocoun/ Computer Assisted Career Exploration/ Information System for Vocational Decisions/ IBM Guidance Counseling Support System

EJ005996 EM500261
SYSTEMS TECHNIQUES FOR PROGRAMS OF COUNSELING AND COUNSELOR EDUCATION
Ryan, T. Antoinette Educ Technol; 9; 6; 7-17 69 Jun
Descriptors-*Counseling Programs/ *Counselor Training/ Feedback/ Models/ Simulation/ Systems Analysis/ *Systems Approach

EJ016519 AA505141
YOUTH GUIDANCE SYSTEMS
McDaniel, H. B.; Bowers, Stanley L. J Secondary Educ; 45; 1; 16-23 70 Jan
Descriptors-*Conceptual Schemes/ Decision Making/ *Guidance Objectives/ *Guidance Programs/ *Systems Approach/ *Youth
A youth guidance system that is designed to provide students with all the information possible to help them make the right choice of goals and to deal effectively with their problems as they arise is presented. (CK)

EJ026565 CG502111
SYSTEMS DESIGN IN THE DEVELOPMENT OF COUNSELING AND GUIDANCE PROGRAMS
Hosford, Ray E.; Ryan, T. Antoinette Personnel Guidance J; 49; 3; 221-230 Nov '70
Descriptors-Counseling Goals/ *Counseling Programs/ Guidance Objectives/ *Guidance Programs/ *Models/ *Program Development/ Systems Approach/ *Systems Development
The systems concept, analysis and synthesis, system design, behavioral objectives, feedback, and flowcharting are briefly explained, followed by the application of the systems technique for a generalized model for the establishment, operation, and maintenance of a counseling and guidance program. (Author)

EJ027014 CG502107
THE COMPUTER IS IN
Loughary, John W. Personnel Guidance J; 49; 3; 185-191 Nov '70
Descriptors-*Computer Oriented Programs/ *Counseling Programs/ Counselor Functions/ Data Processing/ *Guidance Programs/ *Information Systems/ Systems Development/ *Technology
This article describes present and future computer based systems used in counseling and guidance, and provides several descriptive references. The article describes five types of systems, some of which replace and go beyond certain current counseling functions. (Author)

EJ053702 CG504142
AN APPLIED SYSTEMS APPROACH TO CAREER EXPLORATION
Koch, Joseph H. Vocational Guidance Quarterly; 20; 3; 229-32 Mar 72
Descriptors-*Career Planning/ Counselor Role/ *Decision Making/ High School Students/ *Occupational Information/ Student Participation/ *Systems Approach/ *Vocational Counseling

EJ089106 CE500302
VO-ED GRADS LAND JOBS THROUGH DISTRICT PLACEMENT OFFICE
Wasil, Raymond A. School Shop; 33; 4; 31-2 Dec 73
Descriptors-*Job Placement/ *Vocational Followup/ *Employment Programs/ *Vocational Education/ *High Schools/ Vocational Counseling/ Systems Approach
It is past time to commit money and manpower toward developing a vocational placement and follow-up structure within every school district, involving the teacher, business, industry, and at least one placement specialist. The sole function of the placement specialist would be vocational placement. (DS)

Projects in Progress

The project number, duration, title, investigator, and institution are cited for FY 74 projects. Objectives, procedures, and end products are described in Applied Research Projects Supported in FY 1974 under Part C of the Vocational Education Amendments of 1968.

PROJECT NO.: V0013VZ

PROPOSED BEGINNING AND ENDING DATES: June 25, 1974 - December 25, 1975

PROJECT TITLE: Career Counseling and Placement Project

INVESTIGATOR AND INSTITUTION: John D. Alcorn
University of Southern Mississippi
Hattiesburg, Mississippi 39401

PROJECT NO.: V0027VZ

PROPOSED BEGINNING AND ENDING DATES: June 25, 1974 - December 25, 1975

PROJECT TITLE: Improving and Evaluating Guidance and Counseling Services for Economically Disadvantaged College Students

INVESTIGATOR AND INSTITUTION: Don B. Croft
New Mexico State University
Las Cruces, New Mexico 88003

PROJECT NO.: V0028VZ

PROPOSED BEGINNING AND ENDING DATES: June 25, 1974 - December 25, 1975

PROJECT TITLE: Research and Development for a State-Wide System of Placement and Follow-Up of Vocational-Technical Education Graduates

INVESTIGATOR AND INSTITUTION: To Be Announced
State Division of Vocational-Technical Education
Pierre, South Dakota 57501

PROJECT NO.: V0056VZ

PROPOSED BEGINNING AND ENDING DATES: June 1, 1974 - November 30, 1975

PROJECT TITLE: A Validated Program Development Model and Staff Development Prototype for Comprehensive Career Guidance, Counseling, Placement, and Follow-Up

INVESTIGATOR AND INSTITUTION: Charles W. Dayton
American Institute for Research
Palo Alto, California 94302

PROJECT NO.: V0078VZ

PROPOSED BEGINNING AND ENDING DATES: June 25, 1974 - December 25, 1975

PROJECT TITLE: Implementation of a State-Wide Guidance Program with Emphasis on Counseling, Placement, and Follow-up for Selected Target Groups

INVESTIGATOR AND INSTITUTION: To Be Named
Indiana State Board of Vocational & Technical Education
Indianapolis, Indiana

PROJECT NO.: V0109VZ

PROPOSED BEGINNING AND ENDING DATES: June 25, 1974 - December 25, 1975

PROJECT TITLE: A Unified School-Community Approach to Remodel Guidance Services and Expand Next Step Placement and Follow-up

INVESTIGATOR AND INSTITUTION: Jim Dasher
Arkansas Dept. of Education
Little Rock, Arkansas 72201

PROJECT NO.: V0126VZ

PROPOSED BEGINNING AND ENDING DATES: June 25, 1974 - December 25, 1975

PROJECT TITLE: Supportive Vocational Education Thrusts in Career Development Delivery System, Pre-Postsecondary Career Development, and 5-Year Follow-up System

INVESTIGATOR AND INSTITUTION: Byrl R. Shoemaker
Ohio State Dept. of Education
Columbus, Ohio 43215

PROJECT NO.: V0132VZ

PROPOSED BEGINNING AND ENDING DATES: June 15, 1974 - August 15, 1975

PROJECT TITLE: DISCOVER: A Computer-Based Career Guidance and Counselor-Administrative Support System

INVESTIGATOR AND INSTITUTIONS: Jo Ann Harris
Northern Illinois University
Dekalb, Illinois 60115

PROJECT NO.: V0142VZ

PROPOSED BEGINNING AND ENDING DATES: June 25, 1974 - September 25, 1975

PROJECT TITLE: Data Base Establishment and Model Development for a Coordinated Comprehensive Placement System

INVESTIGATOR AND INSTITUTION: Merle E. Strong
Board of Regents of the University of Wisconsin System
Madison, Wisconsin 53706

PROJECT NO.: V0244VZ

PROPOSED BEGINNING AND ENDING DATES: June 25, 1975 - December 25, 1975

PROJECT TITLE: A Needs Based Vocational Guidance Program

INVESTIGATOR AND INSTITUTION: James E. Bottoms
Georgia State Department of Education
Atlanta, Georgia 30334

PROJECT NO.: V0269VZ

PROPOSED BEGINNING AND ENDING DATES: June 30, 1974 - December 30, 1975

PROJECT TITLE: Western Computer Assisted Placement Service

INVESTIGATOR AND INSTITUTION: Kenneth H. Smith and George T. Gabriel
Board of Education of Baltimore County
Towson, Maryland 21204

PROJECT NO.: V0337VZ

PROPOSED BEGINNING AND ENDING DATES: June 1, 1974 - November 30, 1975

PROJECT TITLE: Guidance, Counseling, Placement and Followup Services Project

INVESTIGATOR AND INSTITUTION: George H. Washburn
The Independent School District of Boise City
Boise, Idaho 83702

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